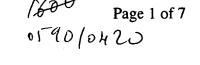


APR 1 9 2002

**TECH CENTER 1600/2900** 





OIPE

## ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/761,534A

DATE: 03/29/2002 TIME: 13:40:16

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 5
         Richmond, Joan F.L.
         Cho, Bryan K.
 6
         Palliser, Deborah
         Chen, Jianzhu
 8
 9
         Eisen, Herman N.
        Young, Richard A.
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12 <120> TITLE OF INVENTION: In Vivo CTL Elicitation By Heat Shock
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        CD4+T Cell-Independent
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19 <140> CURRENT APPLICATION NUMBER: US 09/761,534A
20 <141> CURRENT FILING DATE: 2001-01-16
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104 Ser Val Leu Glu Gly Gly Asp Pro Val Val Val Ala Asn Ser Glu Gly	
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107 too agg acc acc ccg toa att gto gcg tto gcc cgc aac ggt gag gtg	144
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112 Leu Val Gly Gln Pro Ala Lys Asn Gln Ala Val Thr Asn Val Asp Arg	
113 50 55 60	
115 acc gtg cgc tcg gtc aag cga cac atg ggc agc gac tgg tcc ata gag	240
116 Thr Val Arg Ser Val Lys Arg His Met Gly Ser Asp Trp Ser Ile Glu	
117 65 70 75 80	
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120 Ile Asp Gly Lys Lys Tyr Thr Ala Pro Glu Ile Ser Ala Arg Ile Leu	
121 85 90 95	
123 atg aag ctg aag cgc gac gcc gag gcc tac ctc ggt gag gac att acc	336
124 Met Lys Leu Lys Arg Asp Ala Glu Ala Tyr Leu Gly Glu Asp Ile Thr	
125 100 105 110	204
127 gac gcg gtt atc acg acg ccc gcc tac ttc aat gac gcc cag cgt cag	384
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284 287 288 290 292 293 294 296 297 298 300 301 302 304 305 306 308 309 310	<22: <400 gag Glu 1 gac Asp act Thr gtc Val acc Thr 65 gca Ala	3> OT aag Lys gtt Val tcg Ser gat Asp 50 aag Lys aag	THER EQUED GAU  tcc Ser  ggt Gly 35 tgg Trp  gac Asp atc Ile	INFO CE: cag Gln ctg Leu 20 gac Asp ctg Leu aag Lys gag Glu	ORMA: 7 cga Arg 5 ctg Leu aac Asn gtg Val atg Met ctg Leu 85	atc Ile gag Glu cac His gac Asp gcg Ala 70 agt Ser	ctg Leu atc Ile ctc Leu aag Lys 55 atg Met tcg Ser	gtc Val ggc Gly ggc Gly 40 ttc Phe cag Gln agt Ser	ttc Phe gag Glu 25 ggc Gly aag Lys cgg Arg	gac Asp 10 ggt Gly gac Asp ggc Gly ctg Leu tcc Ser 90	ttg Leu gtg Val gac Asp acc Thr cgg Arg 75 acc Thr	ggt Gly gtt Val tgg Trp agc Ser 60 gaa Glu tcg Ser	gag Glu gac Asp 45 ggc Gly gcc Ala atc	gtc Val 30 cag Gln atg Met gcc Ala aac Asn	Thr 15 cgt Arg cgg Arg gat Asp gag Glu ctg Leu 95	Phe gcc Ala gtc Val ctg Leu aag Lys 80 ccc Pro	96· 144 192 240 288
284 287 288 290 292 293 294 296 297 298 300 301 305 306 308 309 310 312	<22: <400 gag Glu 1 gac Asp act Thr gtc Val acc Thr 65 gca Ala	3> OT aag Lys gtt Val tcg Ser gat Asp 500 aag Lys aag Lys atc	THER EQUED GAU TOO SET GALVAND ASP ACC ACC	INFO CE: cag Gln ctg Leu 20 gac Asp ctg Leu aag Lys gag Glu	ORMA: 7 cga Arg 5 ctg Leu aac Asn gtg Val atg Met ctg Leu 85 gac	atc Ile gag Glu cac His gac Asp gcg Ala 70 agt Ser	ctg Leu atc Ile ctc Leu aag Lys 55 atg Met tcg Ser	gtc Val ggc Gly ggc Gly 40 ttc Phe cag Gln agt ser	ttc Phe gag Glu 25 ggc Gly aag Lys cgg Arg cag Gln	gac Asp 10 ggt Gly gac Asp ggc Gly ctg Leu tcc ser 90 ccg	ttg Leu gtg Val gac Asp acc Thr cgg Arg 75 acc Thr	ggt Gly gtt Val tgg Trp agc Ser 60 gaa Glu tcg Ser	gag Glu gac Asp 45 ggc Gly gcc Ala atc Ile	gtc Val 30 cag Gln atg Met gcc Ala aac Asn	Thr 15 cgt Arg cgg Arg gat Asp gag Glu ctg Leu 95 gag	Phe gcc Ala gtc Val ctg Leu aag Lys 80 ccc Pro cag	96· 144 192 240
284 287 288 290 292 293 294 296 297 298 300 301 302 304 305 308 309 310 312 313	<22: <400 gag Glu 1 gac Asp act Thr gtc Val acc Thr 65 gca Ala	3> OT aag Lys gtt Val tcg Ser gat Asp 500 aag Lys aag Lys atc	THER EQUED GAU TOO SET GALVAND ASP ACC ACC	INFO CE: cag Gln ctg Leu 20 gac Asp ctg Leu aag Lys gag Glu gtc Val	ORMA: 7 cga Arg 5 ctg Leu aac Asn gtg Val atg Met ctg Leu 85 gac	atc Ile gag Glu cac His gac Asp gcg Ala 70 agt Ser	ctg Leu atc Ile ctc Leu aag Lys 55 atg Met tcg Ser	gtc Val ggc Gly ggc Gly 40 ttc Phe cag Gln agt ser	ttc Phe gag Glu 25 ggc Gly aag Lys cgg Arg cag Gln aac	gac Asp 10 ggt Gly gac Asp ggc Gly ctg Leu tcc ser 90 ccg	ttg Leu gtg Val gac Asp acc Thr cgg Arg 75 acc Thr	ggt Gly gtt Val tgg Trp agc Ser 60 gaa Glu tcg Ser	gag Glu gac Asp 45 ggc Gly gcc Ala atc Ile	gtc Val 30 cag Gln atg Met gcc Ala aac Asn	Thr 15 cgt Arg cgg Arg gat Asp gag Glu ctg Leu 95 gag	Phe gcc Ala gtc Val ctg Leu aag Lys 80 ccc Pro cag	96· 144 192 240 288
284 287 288 290 292 293 294 296 297 298 300 301 302 304 305 306 308 310 312 313	<22: <400 gag Glu 1 gac Asp act Thr gtc Val acc Thr 65 gca Ala	3> OT aag Lys gtt Val tcg Ser gat Asp Lys aag Lys atc Ile	THER EQUENT GASP Trp GASP Atc Thr	INFO CE: cag Gln ctg Leu 20 gac Asp ctg Leu aag Lys gag Glu gtc Val	ORMA: 7 cga Arg 5 ctg Leu aac Asn yal atg Met ctg Leu 85 gac Asp	atc Ile gag Glu cac His gac Asp gcg Ala 70 agt Ser gcc Ala	ctg Leu atc Ile ctc Leu aag Lys atg Met tcg Ser gac Asp	gtc Val ggc Gly 40 ttc Phe cag Gln agt Ser aag Lys	ttc Phe gag Glu 25 ggc Gly aag Lys cgg Arg cag Gln aac Asn 105	gac Asp 10 ggt Gly gac Asp ggc Gly ctg Leu tcc Ser 90 ccg Pro	ttg Leu gtg Val gac Asp acc Thr cgg Arg 75 acc Thr ttg Leu	ggt Gly gtt Val tgg Trp agc Ser 60 gaa Glu tcg Ser ttc	gag Glu gac Asp 45 ggc Gly gcc Ala atc Ile tta Leu	gtc Val 30 cag Gln atg Met gcc Ala aac Asn gac Asp	Thr 15 cgt Arg cgg Arg gat Asp gag Glu ctg Leu 95 gag Glu	Phe gcc Ala gtc Val ctg Leu aag Lys 80 ccc Pro cag Gln	96· 144 192 240 288

VERIFICATION SUMMARY

DATE: 03/29/2002

PATENT APPLICATION: US/09/761,534A

TIME: 13:40:17

Input Set : A:\0399.2006-003SUBSEQLIST.TXT
Output Set: N:\CRF3\03292002\I761534A.raw